

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P#

Luminaire Tested: **44ID-120-L850-CFD2**

Issue Date: 9/24/2021

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.



Test Information

Test Method: LM-79-08
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (13890049.01)
Test Lab: INNOVATION CENTER
Issue Date: 9/24/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 44ID-120-L850-CFD2
Description: 12000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 5000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

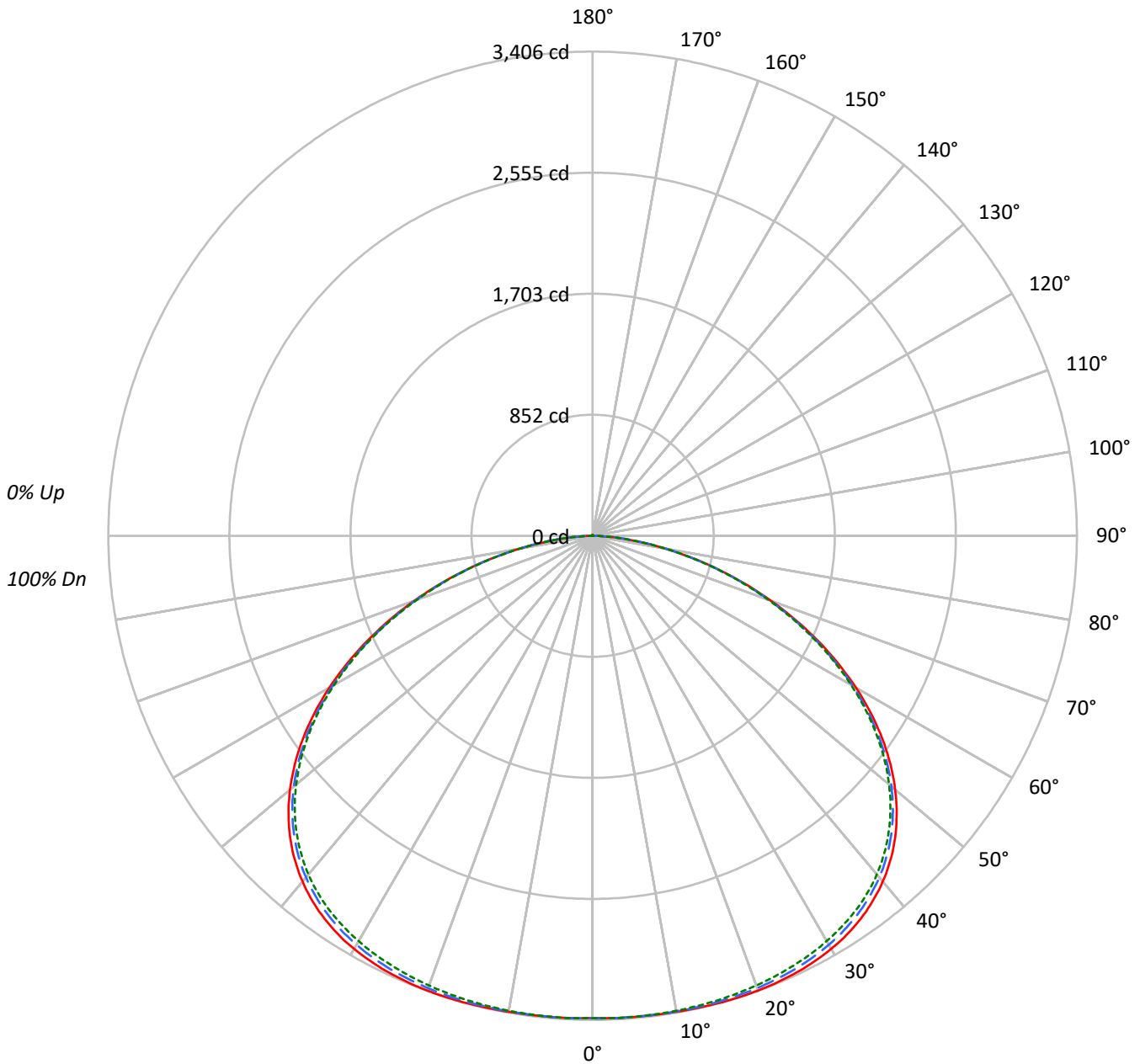
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12289.0 lumens
Efficiency: N/A
Efficacy: 128.5 lumens/watt
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57
Luminous Opening: Rectangular w/ Sides (W: 3.88' x L: 3.88' x H: 0.17')
CIE Type: Direct

Input Watts (W): 95.6
Input Voltage (V):
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									50									30									10									0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0																
RCR																																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100																			
1	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	82																			
2	98	89	82	76	95	87	81	75	84	78	73	80	76	71	77	73	70	68																			
3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	63	58	56																			
4	81	68	59	52	78	67	58	52	64	57	51	62	55	50	60	54	49	47																			
5	74	61	51	44	72	59	51	44	57	49	43	55	48	43	53	47	42	40																			
6	68	54	45	38	66	53	44	38	51	43	38	50	43	37	48	42	37	35																			
7	63	49	40	33	61	48	39	33	46	39	33	45	38	33	43	37	32	30																			
8	58	44	36	29	57	44	35	29	42	35	29	41	34	29	40	33	29	27																			
9	54	41	32	26	53	40	32	26	39	31	26	38	31	26	37	30	26	24																			
10	51	37	29	24	50	37	29	24	36	28	23	35	28	23	34	28	23	21																			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2423	2423	2423
5°	2425	2422	2425
10°	2447	2437	2441
15°	2488	2469	2473
20°	2546	2516	2518
25°	2618	2577	2577
30°	2699	2646	2648
35°	2782	2717	2725
40°	2856	2781	2797
45°	2911	2827	2851
50°	2935	2842	2876
55°	2916	2813	2859
60°	2843	2729	2791
65°	2706	2585	2662
70°	2491	2362	2453
75°	2175	2044	2151
80°	1726	1602	1713
85°	1073	967	1097



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	324.3	2.6
10°-20°	961.9	7.8
20°-30°	1555.0	12.7
30°-40°	2036.7	16.6
40°-50°	2290.9	18.6
50°-60°	2192.2	17.8
60°-70°	1709.7	13.9
70°-80°	963.5	7.8
80°-90°	238.4	1.9
90°-100°	0.8	0.0
100°-110°	1.4	0.0
110°-120°	2.5	0.0
120°-130°	3.9	0.0
130°-140°	3.1	0.0
140°-150°	1.9	0.0
150°-160°	1.4	0.0
160°-170°	0.9	0.0
170°-180°	0.3	0.0
0°-30°	2841.2	23.1
0°-40°	4877.9	39.7
0°-60°	9361.1	76.2
0°-90°	12272.8	99.9
90°-120°	4.7	0.0
90°-150°	13.6	0.1
90°-180°	16.0	0.1
0°-180°	12289.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3394	3394	3394	3394	3394	
5°	3397	3398	3397	3397	3396	324
15°	3405	3404	3396	3388	3384	965
25°	3391	3385	3364	3345	3338	1567
35°	3288	3277	3250	3230	3221	2058
45°	3007	2994	2970	2956	2945	2317
55°	2487	2473	2456	2445	2438	2216
65°	1749	1742	1729	1724	1721	1727
75°	915	915	909	907	905	969
85°	195	198	200	201	200	226
90°	2	2	2	2	2	9
95°	1	1	1	1	1	1
105°	2	1	1	1	1	1
115°	2	2	2	2	2	3
125°	5	5	5	4	4	4
135°	4	4	4	4	4	3
145°	3	3	3	3	3	2
155°	3	3	3	3	3	1
165°	3	3	3	3	3	1
175°	4	4	4	4	4	0
180°	3	3	3	3	3	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3393.9	3393.9	3393.9	3393.9	3393.9
0.5°	3393.0	3395.5	3396.3	3395.5	3393.9
1°	3393.9	3395.5	3396.3	3396.3	3394.7
1.5°	3394.7	3396.3	3396.3	3396.3	3395.5
2°	3394.7	3396.3	3396.3	3397.2	3395.5
2.5°	3395.5	3397.2	3397.2	3397.2	3395.5
3°	3396.3	3397.2	3397.2	3397.2	3396.3
3.5°	3396.3	3397.2	3397.2	3397.2	3396.3
4°	3397.2	3397.2	3397.2	3397.2	3396.3
4.5°	3397.2	3398.0	3397.2	3397.2	3396.3
5°	3397.2	3398.0	3397.2	3397.2	3396.3
5.5°	3397.2	3398.0	3397.2	3397.2	3396.3
6°	3398.0	3398.0	3397.2	3397.2	3395.5
6.5°	3398.0	3398.8	3398.0	3397.2	3395.5
7°	3398.0	3398.8	3397.2	3397.2	3395.5
7.5°	3398.0	3398.8	3397.2	3396.3	3394.7
8°	3398.8	3398.8	3398.0	3396.3	3394.7
8.5°	3398.8	3399.7	3397.2	3396.3	3393.9
9°	3399.7	3399.7	3398.0	3395.5	3393.9
9.5°	3399.7	3400.5	3397.2	3395.5	3393.0
10°	3400.5	3400.5	3397.2	3394.7	3392.2
10.5°	3401.3	3401.3	3397.2	3394.7	3392.2
11°	3401.3	3401.3	3397.2	3393.9	3391.4
11.5°	3402.1	3402.1	3397.2	3393.0	3390.6
12°	3402.1	3402.1	3397.2	3393.0	3389.7
12.5°	3403.0	3402.1	3396.3	3392.2	3388.9
13°	3403.0	3402.1	3396.3	3391.4	3388.1
13.5°	3403.8	3403.0	3396.3	3390.6	3387.2
14°	3403.8	3403.0	3396.3	3389.7	3385.6
14.5°	3404.6	3403.0	3395.5	3388.9	3384.8
15°	3404.6	3403.8	3395.5	3388.1	3383.9
15.5°	3405.5	3403.8	3394.7	3386.4	3382.3
16°	3404.6	3403.8	3393.9	3385.6	3380.6
16.5°	3405.5	3403.8	3393.9	3383.9	3379.0
17°	3405.5	3403.0	3393.0	3382.3	3378.1
17.5°	3405.5	3403.0	3391.4	3381.4	3376.5
18°	3405.5	3403.0	3390.6	3379.8	3374.0
18.5°	3405.5	3402.1	3389.7	3378.1	3372.3
19°	3404.6	3402.1	3388.9	3376.5	3370.7
19.5°	3404.6	3401.3	3387.2	3374.0	3368.2
20°	3403.8	3400.5	3385.6	3372.3	3366.5
20.5°	3403.0	3399.7	3384.8	3370.7	3364.1
21°	3403.0	3398.8	3383.1	3368.2	3361.6



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CATALOG NUMBER: 44ID-120-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3399.7	3394.7	3377.3	3360.8	3353.3
23°	3398.0	3393.0	3374.8	3358.3	3350.8
23.5°	3396.3	3391.4	3372.3	3355.0	3347.5
24°	3394.7	3389.7	3369.9	3351.6	3344.2
24.5°	3393.0	3387.2	3367.4	3348.3	3340.9
25°	3390.6	3384.8	3364.1	3345.0	3337.6
25.5°	3388.1	3382.3	3360.8	3341.7	3333.4
26°	3385.6	3379.8	3357.4	3338.4	3330.1
26.5°	3383.1	3376.5	3354.1	3334.3	3326.0
27°	3379.8	3373.2	3350.0	3330.1	3321.8
27.5°	3376.5	3369.9	3345.9	3326.0	3317.7
28°	3373.2	3365.7	3341.7	3321.8	3313.6
28.5°	3369.0	3361.6	3337.6	3316.9	3308.6
29°	3364.9	3357.4	3332.6	3311.9	3303.6
29.5°	3360.8	3352.5	3327.6	3306.9	3297.8
30°	3355.8	3347.5	3321.8	3301.2	3292.0
30.5°	3350.8	3342.5	3316.1	3295.4	3287.1
31°	3345.0	3336.7	3310.3	3289.6	3280.5
31.5°	3340.1	3331.0	3303.6	3283.8	3274.7
32°	3333.4	3324.3	3297.8	3277.1	3268.0
32.5°	3326.8	3317.7	3290.4	3269.7	3260.6
33°	3320.2	3310.3	3282.9	3263.1	3253.1
33.5°	3312.7	3302.8	3275.5	3255.6	3245.7
34°	3304.5	3294.5	3267.2	3247.3	3238.2
34.5°	3296.2	3286.3	3258.9	3239.1	3230.0
35°	3287.9	3277.1	3249.8	3230.0	3220.9
35.5°	3278.8	3268.0	3240.7	3220.9	3211.8
36°	3269.7	3258.1	3230.8	3211.8	3201.8
36.5°	3258.9	3248.2	3220.9	3201.8	3192.7
37°	3248.2	3237.4	3210.1	3191.1	3182.0
37.5°	3237.4	3225.8	3199.3	3180.3	3170.4
38°	3225.8	3215.1	3187.7	3169.5	3159.6
38.5°	3214.2	3202.6	3175.3	3157.1	3148.0
39°	3201.8	3189.4	3162.9	3145.5	3135.6
39.5°	3188.6	3176.2	3150.5	3132.3	3123.2
40°	3174.5	3162.9	3136.4	3119.0	3109.9
40.5°	3161.3	3148.8	3122.4	3105.8	3095.9
41°	3146.4	3133.9	3108.3	3090.9	3081.0
41.5°	3130.6	3118.2	3092.6	3076.0	3066.1
42°	3114.9	3102.5	3076.8	3061.1	3050.3
42.5°	3098.4	3085.9	3060.3	3044.5	3034.6
43°	3081.8	3068.6	3043.7	3028.0	3018.1
43.5°	3064.4	3051.2	3026.3	3010.6	3000.7



TEST NUMBER: P#

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3007.3	2994.1	2970.0	2956.0	2945.2
45.5°	2987.4	2973.4	2950.2	2936.1	2926.2
46°	2966.7	2952.7	2929.5	2915.4	2905.5
46.5°	2945.2	2931.1	2908.8	2894.7	2884.8
47°	2922.9	2909.6	2886.4	2874.0	2863.3
47.5°	2900.5	2886.4	2864.1	2851.7	2840.9
48°	2878.2	2863.3	2841.7	2828.5	2817.7
48.5°	2854.2	2840.1	2818.6	2806.1	2796.2
49°	2828.5	2815.3	2793.7	2780.5	2771.4
49.5°	2803.7	2790.4	2768.9	2756.5	2746.5
50°	2778.0	2763.9	2744.1	2731.6	2721.7
50.5°	2751.5	2737.4	2717.6	2705.2	2696.1
51°	2725.0	2711.0	2691.1	2678.7	2668.7
51.5°	2696.9	2682.8	2662.9	2651.4	2642.2
52°	2668.7	2654.7	2634.8	2624.0	2614.9
52.5°	2640.6	2626.5	2606.7	2595.1	2586.8
53°	2610.0	2596.7	2578.5	2567.7	2558.6
53.5°	2579.3	2566.1	2547.9	2537.1	2528.8
54°	2548.7	2535.5	2517.3	2506.5	2499.0
54.5°	2518.9	2504.8	2487.5	2476.7	2469.2
55°	2486.6	2473.4	2456.0	2445.2	2437.8
55.5°	2454.3	2441.1	2423.7	2413.0	2406.3
56°	2420.4	2408.0	2390.6	2381.5	2374.9
56.5°	2386.5	2374.9	2357.5	2348.4	2341.8
57°	2353.4	2340.9	2324.4	2316.1	2309.5
57.5°	2320.2	2307.0	2290.4	2282.2	2275.5
58°	2283.8	2271.4	2255.7	2247.4	2241.6
58.5°	2248.2	2236.6	2220.1	2212.6	2206.8
59°	2212.6	2201.0	2185.3	2177.9	2172.1
59.5°	2175.4	2164.6	2148.9	2141.4	2135.7
60°	2139.0	2127.4	2112.5	2105.9	2100.1
60.5°	2101.7	2091.8	2076.1	2069.4	2063.6
61°	2063.6	2053.7	2038.8	2032.2	2026.4
61.5°	2024.7	2016.5	2001.6	1994.9	1990.0
62°	1986.7	1978.4	1963.5	1957.7	1952.7
62.5°	1947.7	1939.5	1924.6	1918.8	1913.8
63°	1908.8	1900.6	1886.5	1880.7	1875.7
63.5°	1869.1	1860.8	1847.6	1841.8	1836.8
64°	1829.4	1821.1	1807.0	1802.9	1797.1
64.5°	1789.6	1781.4	1767.3	1763.2	1758.2
65°	1749.1	1742.5	1729.2	1724.2	1720.9
65.5°	1709.3	1701.1	1688.7	1684.5	1679.5
66°	1667.1	1660.5	1648.1	1644.0	1640.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1544.6	1537.2	1526.4	1522.3	1518.1
68°	1502.4	1495.8	1485.0	1481.7	1477.6
68.5°	1460.2	1453.6	1442.8	1440.3	1437.8
69°	1418.0	1411.4	1402.2	1399.8	1396.5
69.5°	1376.6	1370.0	1361.7	1359.2	1355.1
70°	1334.4	1328.6	1320.3	1317.8	1313.7
70.5°	1292.2	1286.4	1278.9	1276.4	1272.3
71°	1249.9	1245.0	1238.3	1235.0	1230.9
71.5°	1208.5	1203.6	1196.1	1193.6	1190.3
72°	1166.3	1162.2	1154.7	1153.1	1148.9
72.5°	1124.1	1120.8	1113.4	1111.7	1108.4
73°	1081.9	1078.6	1071.1	1069.5	1067.0
73.5°	1040.5	1037.2	1030.6	1028.1	1025.6
74°	999.1	996.6	990.0	988.4	985.0
74.5°	956.9	955.2	949.5	947.0	944.5
75°	914.7	914.7	908.9	907.2	904.8
75.5°	874.1	874.1	868.3	866.7	864.2
76°	833.6	833.6	827.8	826.2	822.9
76.5°	792.6	792.9	788.0	786.3	783.6
77°	753.4	753.7	749.3	747.1	744.3
77.5°	711.4	713.4	709.7	707.7	705.0
78°	672.2	674.7	671.0	669.4	667.1
78.5°	635.3	636.9	634.5	632.6	629.4
79°	596.7	597.9	596.3	594.7	591.5
79.5°	558.6	560.6	559.6	558.1	554.4
80°	522.1	523.6	523.8	521.6	518.2
80.5°	483.7	486.7	487.2	485.0	483.3
81°	448.2	451.1	451.9	450.6	448.2
81.5°	413.2	416.6	417.4	416.6	413.6
82°	378.2	382.3	383.6	383.0	379.7
82.5°	344.8	349.4	350.7	350.2	347.2
83°	312.3	317.4	318.6	319.0	316.2
83.5°	280.9	285.7	287.3	287.8	284.8
84°	250.8	255.1	257.1	257.9	255.4
84.5°	222.2	225.7	228.1	229.1	227.9
85°	195.2	197.7	199.9	201.4	199.7
85.5°	169.0	171.0	172.7	175.0	173.6
86°	144.7	146.7	147.8	149.7	149.7
86.5°	121.5	122.4	123.3	125.5	125.5
87°	99.3	99.4	99.7	102.5	102.6
87.5°	76.7	77.3	77.6	80.0	80.9
88°	54.1	56.0	56.5	58.7	58.5
88.5°	38.2	38.2	38.2	40.4	40.9



TEST NUMBER: P#

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.8	1.7	1.8	1.9	1.7
90.5°	0.6	0.5	0.6	0.7	0.6
91°	0.6	0.5	0.5	0.6	0.5
91.5°	0.7	0.6	0.7	0.5	0.4
92°	0.6	0.6	0.6	0.7	0.6
92.5°	0.7	0.6	0.6	0.7	0.6
93°	0.7	0.7	0.7	0.6	0.5
93.5°	0.7	0.6	0.7	0.7	0.7
94°	0.7	0.7	0.7	0.7	0.8
94.5°	0.7	0.7	0.7	0.7	0.7
95°	0.7	0.6	0.7	0.7	0.8
95.5°	0.7	0.7	0.8	0.7	0.8
96°	0.9	0.9	0.7	0.7	0.8
96.5°	0.9	0.8	0.8	0.7	0.8
97°	0.9	0.8	0.9	0.7	1.0
97.5°	1.0	0.8	0.8	0.7	1.0
98°	1.1	0.9	0.9	0.9	1.1
98.5°	1.1	0.9	0.8	0.8	1.0
99°	1.0	1.0	0.9	0.8	0.9
99.5°	1.1	0.8	1.0	0.9	0.9
100°	1.1	1.0	1.0	1.0	1.1
100.5°	1.1	1.1	1.0	1.1	1.1
101°	1.2	1.0	1.0	1.0	1.0
101.5°	1.2	1.0	1.1	1.1	1.2
102°	1.3	1.1	1.2	1.1	1.2
102.5°	1.2	1.1	1.1	1.2	1.2
103°	1.2	1.0	1.2	1.1	1.2
103.5°	1.2	1.2	1.2	1.2	1.1
104°	1.4	1.2	1.2	1.2	1.1
104.5°	1.2	1.3	1.3	1.3	1.2
105°	1.5	1.3	1.2	1.4	1.4
105.5°	1.4	1.2	1.3	1.2	1.2
106°	1.3	1.3	1.4	1.4	1.5
106.5°	1.5	1.3	1.4	1.3	1.2
107°	1.4	1.4	1.5	1.5	1.3
107.5°	1.6	1.4	1.5	1.6	1.5
108°	1.6	1.4	1.3	1.6	1.4
108.5°	1.6	1.6	1.6	1.5	1.4
109°	1.7	1.6	1.6	1.6	1.7
109.5°	1.7	1.5	1.7	1.7	1.5
110°	1.7	1.7	1.7	1.7	1.7
110.5°	1.7	1.7	1.7	1.7	1.8
111°	1.7	1.8	1.8	1.8	1.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.0	2.1	2.2	2.1	1.9
113°	2.2	2.0	2.0	2.1	2.1
113.5°	2.2	2.2	2.2	2.3	2.3
114°	2.3	2.3	2.4	2.4	2.3
114.5°	2.5	2.5	2.4	2.4	2.2
115°	2.5	2.5	2.4	2.5	2.4
115.5°	2.7	2.5	2.6	2.6	2.4
116°	2.6	2.7	2.7	2.6	2.6
116.5°	2.8	2.8	2.8	2.8	2.7
117°	3.0	3.0	3.0	3.0	2.6
117.5°	3.1	3.0	3.1	3.0	2.8
118°	3.1	3.1	3.2	3.1	2.9
118.5°	3.4	3.2	3.2	3.1	3.1
119°	3.4	3.4	3.5	3.2	3.2
119.5°	3.5	3.5	3.5	3.4	3.3
120°	3.6	3.6	3.6	3.5	3.6
120.5°	3.7	3.6	3.7	3.6	3.6
121°	3.7	3.7	3.7	3.7	3.6
121.5°	4.1	4.0	3.9	3.7	3.7
122°	3.9	4.1	4.0	3.9	4.0
122.5°	4.2	4.1	4.1	4.1	3.9
123°	4.3	4.3	4.1	4.1	4.1
123.5°	4.3	4.5	4.2	4.1	4.2
124°	4.4	4.5	4.4	4.2	4.2
124.5°	4.6	4.5	4.4	4.3	4.3
125°	4.8	4.6	4.6	4.5	4.5
125.5°	4.8	4.7	4.6	4.5	4.6
126°	4.8	4.6	4.6	4.6	4.5
126.5°	4.6	4.7	4.8	4.6	4.6
127°	4.8	4.8	4.6	4.6	4.5
127.5°	5.0	4.9	4.8	4.6	4.5
128°	5.0	4.7	4.7	4.6	4.6
128.5°	4.8	4.8	4.6	4.5	4.6
129°	4.7	4.7	4.6	4.6	4.5
129.5°	4.6	4.7	4.6	4.6	4.6
130°	4.6	4.7	4.6	4.4	4.5
130.5°	4.8	4.6	4.6	4.2	4.5
131°	4.6	4.6	4.6	4.3	4.4
131.5°	4.6	4.5	4.3	4.2	4.3
132°	4.6	4.4	4.4	4.2	4.2
132.5°	4.6	4.4	4.3	4.2	4.3
133°	4.4	4.2	4.2	4.0	4.1
133.5°	4.5	4.2	4.1	3.9	4.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	4.3	4.1	3.9	3.8	4.1
135.5°	4.1	4.1	3.9	3.7	4.0
136°	4.0	3.9	3.7	3.6	4.0
136.5°	4.1	3.9	3.7	3.6	3.9
137°	4.0	3.8	3.7	3.6	3.8
137.5°	3.9	3.7	3.6	3.4	3.6
138°	3.8	3.6	3.5	3.4	3.6
138.5°	3.9	3.6	3.6	3.3	3.6
139°	3.4	3.6	3.5	3.1	3.6
139.5°	3.6	3.4	3.3	3.2	3.6
140°	3.6	3.3	3.4	3.1	3.3
140.5°	3.6	3.3	3.3	3.1	3.3
141°	3.4	3.3	3.2	3.0	3.1
141.5°	3.1	3.3	3.3	3.0	3.1
142°	3.1	3.1	3.2	3.1	2.9
142.5°	3.1	3.2	3.1	3.0	2.9
143°	3.2	3.1	3.1	3.1	2.9
143.5°	3.2	3.1	3.1	2.9	2.9
144°	3.2	3.0	3.2	2.8	3.0
144.5°	3.1	3.0	3.1	2.9	3.0
145°	3.1	3.0	3.1	2.7	3.0
145.5°	3.1	2.9	3.0	2.7	3.1
146°	3.1	2.9	2.8	2.7	3.0
146.5°	3.1	2.9	2.8	2.7	3.0
147°	3.1	2.9	2.7	2.8	2.8
147.5°	3.0	2.9	2.7	2.8	3.1
148°	3.1	2.9	2.8	2.7	3.1
148.5°	3.1	3.0	2.8	2.7	3.1
149°	3.1	2.9	2.8	2.7	3.1
149.5°	3.2	2.8	2.8	2.7	3.1
150°	3.1	3.0	2.8	2.7	3.1
150.5°	3.1	2.9	2.8	2.8	3.1
151°	3.2	2.9	2.7	2.8	3.2
151.5°	3.1	3.0	2.7	2.8	3.2
152°	3.2	3.0	2.9	3.0	3.1
152.5°	3.2	3.1	2.8	2.9	3.2
153°	3.1	3.0	2.9	3.1	3.3
153.5°	3.4	3.1	2.8	3.0	3.2
154°	3.2	3.1	3.0	3.0	3.2
154.5°	3.2	3.0	3.0	3.1	3.3
155°	3.1	3.1	3.1	3.1	3.4
155.5°	3.2	3.0	3.0	3.1	3.3
156°	3.1	3.1	3.1	3.1	3.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	3.1	2.9	3.0	3.1	3.2
158°	3.3	3.1	3.0	3.1	3.3
158.5°	3.1	3.1	2.9	3.1	3.2
159°	3.2	3.1	3.0	3.1	3.4
159.5°	3.1	3.0	3.0	3.1	3.5
160°	3.1	3.1	2.9	3.1	3.3
160.5°	3.1	3.0	3.0	3.1	3.3
161°	3.1	3.0	3.0	3.1	3.3
161.5°	3.1	3.1	3.0	3.0	3.1
162°	3.1	3.0	3.1	3.1	3.1
162.5°	3.2	3.1	3.1	3.1	3.2
163°	3.2	3.1	3.1	3.1	3.1
163.5°	3.1	3.1	3.1	3.1	3.4
164°	3.1	3.1	3.1	3.3	3.3
164.5°	3.0	3.2	3.1	3.3	3.4
165°	3.1	3.1	3.0	3.2	3.3
165.5°	2.9	3.1	3.0	3.5	3.3
166°	3.1	3.1	3.1	3.3	3.2
166.5°	3.1	3.1	3.0	3.4	3.1
167°	3.1	3.3	3.1	3.5	3.4
167.5°	3.1	3.3	3.1	3.6	3.4
168°	3.2	3.2	3.1	3.5	3.3
168.5°	3.1	3.4	3.2	3.7	3.4
169°	3.4	3.3	3.1	3.7	3.4
169.5°	3.3	3.3	3.1	3.6	3.5
170°	3.4	3.3	3.2	3.7	3.4
170.5°	3.4	3.5	3.2	3.7	3.6
171°	3.4	3.4	3.4	3.7	3.6
171.5°	3.3	3.4	3.4	3.8	3.5
172°	3.3	3.4	3.5	3.8	3.6
172.5°	3.5	3.5	3.6	3.8	3.6
173°	3.3	3.3	3.6	3.8	3.6
173.5°	3.6	3.5	3.6	3.7	3.7
174°	3.6	3.6	3.9	3.8	3.6
174.5°	3.6	3.8	3.8	4.0	3.8
175°	3.9	3.8	3.9	4.0	3.7
175.5°	3.9	3.8	4.1	3.9	3.9
176°	4.1	4.0	3.9	3.8	3.8
176.5°	4.1	3.9	4.0	3.6	3.8
177°	4.0	3.9	3.7	3.6	3.8
177.5°	4.1	3.9	3.6	3.6	3.9
178°	3.8	3.7	3.6	3.6	3.6
178.5°	3.7	3.6	3.5	3.5	3.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L850-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.2	3.2	3.2	3.2	3.2



Report Generated By 670246072 / DESKTOP-MV3F9LC





— 0°-180° - - 45°-225° - - - - 90°-270°







21.5°	3402.1	3398.0	3381.4	3365.7	3359.1
22°	3400.5	3396.3	3379.0	3363.2	3356.6



44°	3045.4	3033.0	3008.1	2993.2	2983.3
44.5°	3026.3	3013.1	2989.9	2974.2	2964.3



66.5°	1626.6	1619.9	1607.5	1603.4	1599.3
67°	1586.0	1578.6	1567.0	1562.8	1559.5



89°	24.2	23.8	23.5	24.8	25.1
89.5°	10.7	10.8	10.6	11.3	11.2



111.5°	2.1	1.8	1.9	1.9	1.8
112°	2.1	1.9	1.9	1.9	2.1



134°	4.2	4.1	4.1	4.0	4.2
134.5°	4.3	4.1	4.1	3.8	4.0



156.5°	3.2	3.0	3.1	3.1	3.2
157°	3.1	3.0	3.1	3.1	3.2



179°	3.6	3.5	3.3	3.4	3.6
179.5°	3.1	3.3	3.2	3.1	3.4



(END OF REPORT)